

Southern Nevada Supplemental Airport EIS (The Ivanpah Project)



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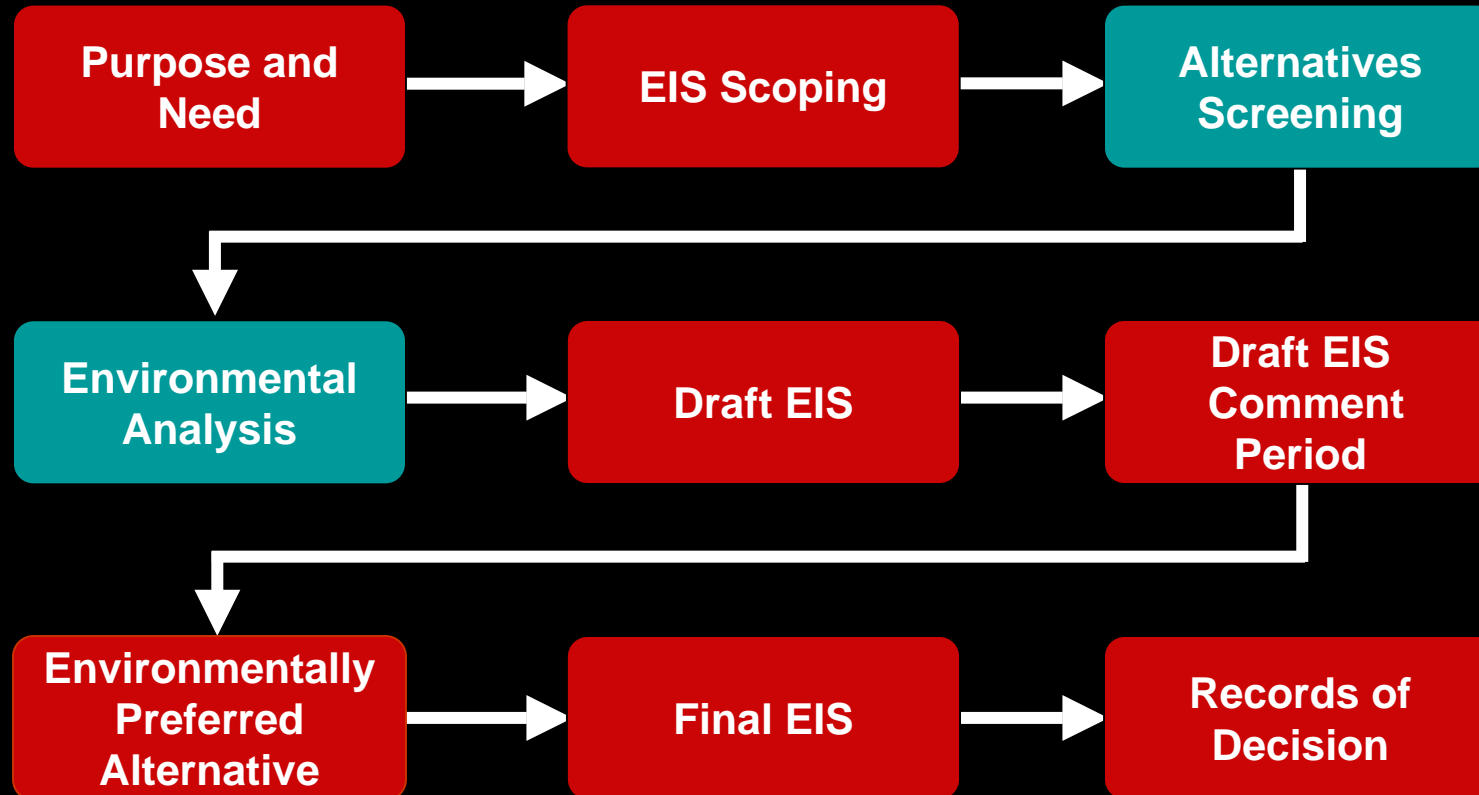


Vanasse Hangen Brustlin, Inc.

What Makes This EIS Unique?

- ▶ 10 Years since new major commercial airport
- ▶ FAA and BLM
 - Joint lead agencies
 - 2 Sets NEPA regulations and guidance
- ▶ Entirely undeveloped surrounding area
- ▶ Multiple major connected actions

EIS Process – What's Unique?



EIS Roles and Responsibilities

Clark County Department of Aviation	<ul style="list-style-type: none">▶ Sponsor of proposed action▶ Data and information to assist JLAs
FAA & BLM Joint Lead Agencies	<ul style="list-style-type: none">▶ Alternatives screening▶ Environmental analyses▶ Public outreach & agency coordination▶ Record of Decision (ROD)
EIS Consultant	<ul style="list-style-type: none">▶ Technical assistance to FAA & BLM

FAA Impact Analysis Categories

- ▶ **Air Quality**
- ▶ Compatible Land Use
- ▶ Construction Impacts
- ▶ **DOT Section 4(f)**
- ▶ Fish, Wildlife & Plants
- ▶ **Floodplains**
- ▶ Hazardous Materials, Pollution Prevention & Solid Waste
- ▶ **Historical, Archaeological & Cultural**
- ▶ **Light Emissions** (Dark Sky)
- ▶ Natural Resources & Energy
- ▶ **Noise**
- ▶ **Secondary (Induced) Impacts**
- ▶ Socioeconomic Impacts, Environmental Justice, Health & Safety
- ▶ Water Quality
- ▶ Wetlands

Additional BLM Analysis Categories

- ▶ Areas of Critical Environmental Concern
- ▶ Geology and Mining
- ▶ Rangeland
- ▶ Recreational and other BLM Land Uses
- ▶ Visual Impacts
- ▶ Wild Horse & Burro
- ▶ Wilderness

Alternatives Screening x 2

▶ Airport Capacity

- Proposed Action: Ivanpah Valley Airport
- Expand McCarran
- No Action
- Others?

▶ Surface Transportation: from Ivanpah to the Strip

- Dedicated and/or HOV I-15 lanes
- Additional general purpose I-15 lanes
- Various transit options

Affected Environment x 3 or More

- ▶ McCarran Site - typical airport analyses
- ▶ Proposed 6,000 acre Ivanpah Airport site
- ▶ 30-mile I-15 corridor
- ▶ Others?

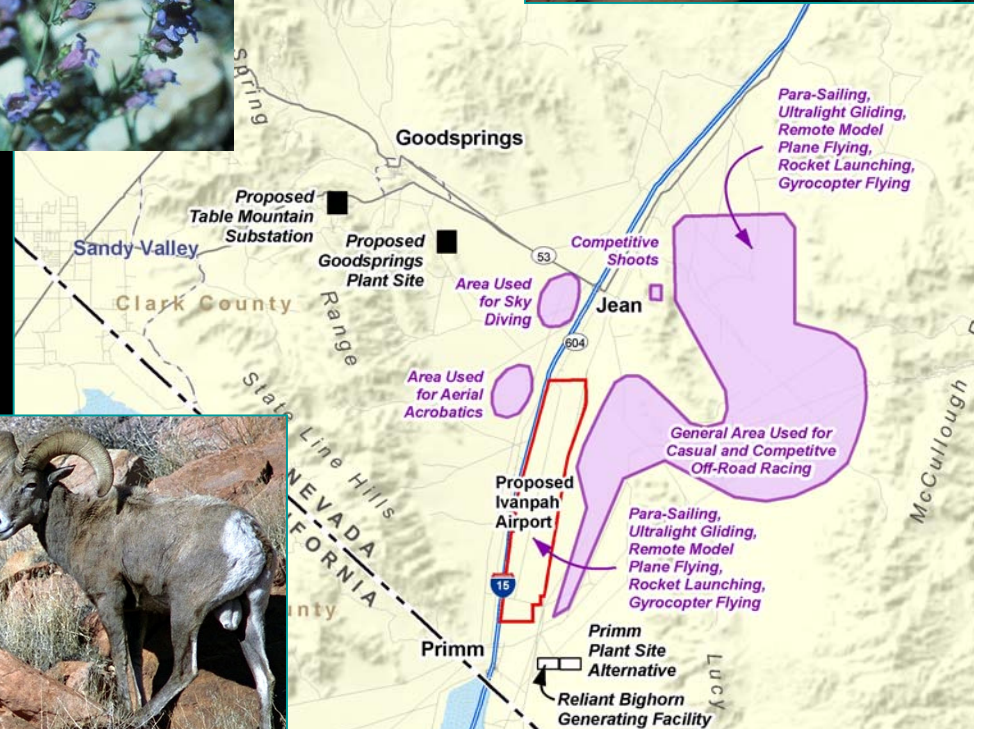
Potential Ivanpah Site Issues

- ▶ Stormwater management
- ▶ Poor soils
- ▶ Air quality
 - Existing AQ in the valley
 - Jets vs. VMT
- ▶ Secondary (induced) impacts



More Potential Ivanpah Site Issues

- ▶ Protected plant and wildlife species
- ▶ On and adjacent recreational uses
 - Parasailing
 - Ultralight gliding
 - Remote plane and gyrocopter flying
 - Rocket launching
 - Off-roading
 - Skydiving



National Park Service Issues

- ▶ Noise/audibility



- ▶ Light emissions/dark night sky



Thank you!
Questions?

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